

NSLS ENVIRONMENTAL MANAGEMENT PLANNING FORM

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| ENVIRONMENTAL MANAGEMENT PROGRAM Machine Shops, including work on crystal etching | Completed by: <u>R. Casey</u> Date: <u>June 1, 2000</u> |
| 1. Objectives: <ul style="list-style-type: none"> Operate in accordance with applicable regulatory requirements Integrate pollution prevention/waste minimization and resource conservation into planning and decision making | |
| 2. Measures: <ul style="list-style-type: none"> Improve waste handling practices in machine shops Implement corrective actions identified in PAF#462 | |
| 3. Environmental Performance Indicators: <ul style="list-style-type: none"> Tier one inspection results will be reported quarterly and compared to previous performance. The fraction of corrective actions identified in Phase 2 evaluations completed by 9/1/00 will be reported. | |
| 4. Program Description: <p>The NSLS Department has established small machine shops within Buildings 510C, 725, 726, 727 and 820 which generate hazardous and industrial wastes. The environmental management program and associated operational controls are instituted to manage operations in accordance with applicable regulatory requirements and to evaluate P2 opportunities that eliminate or reduce the generation of these wastes.</p> <p>Supervisors of the machine shops are responsible to ensure compliance with BNL subject areas. ESH staff are included on NSLS staff to provide guidance and support. Personnel working in the shops receive training on waste requirements and spill response. Quarterly audits are performed by ESH staff to monitor compliance with regulations. Reports of findings are sent to responsible supervisors and are tracked until closed.</p> | |
| 5. Potential Environmental Impacts: <ul style="list-style-type: none"> Hazardous waste mismanagement with potential to incur RCRA penalties. Unauthorized discharges to the sanitary sewer system resulting in a violation of the BNL SPDES permit and potential contamination of groundwater or soil. | |
| 6. Significant Aspect: Hazardous waste, industrial waste | |
| 7. Legal and Other Requirements: Hazardous waste, pollution prevention, spill response subject areas | |
| 8. Operational Controls: (See associated Operational Control Form) | |
| 9. Budget: Costs associated with this program are funded from the base operating budget approved by the Associate Laboratory Director for BES | |

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| 10. Structure, Authorities, Responsibilities | | | |
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| TASKS | PERSON RESPONSIBLE | COMPLETION DATES | STATUS |
| Conduct and report Tier 1 inspections | NSLS Safety Engineer | Sept. 1 | |
| Complete Corrective Actions | Staff Shop Manager and ECR | Sept. 1 | |